

FIG. 1

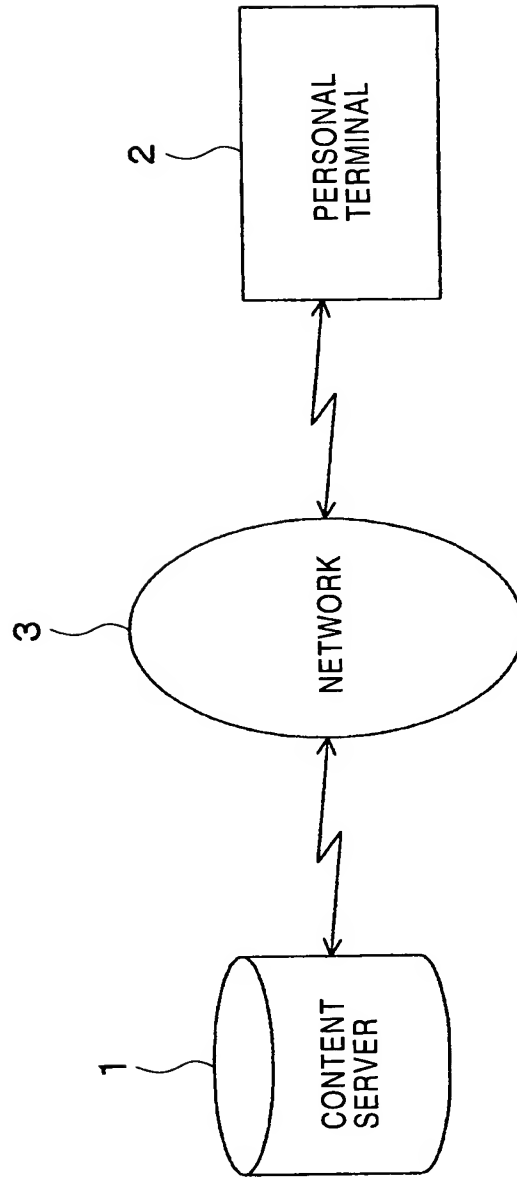


FIG. 2

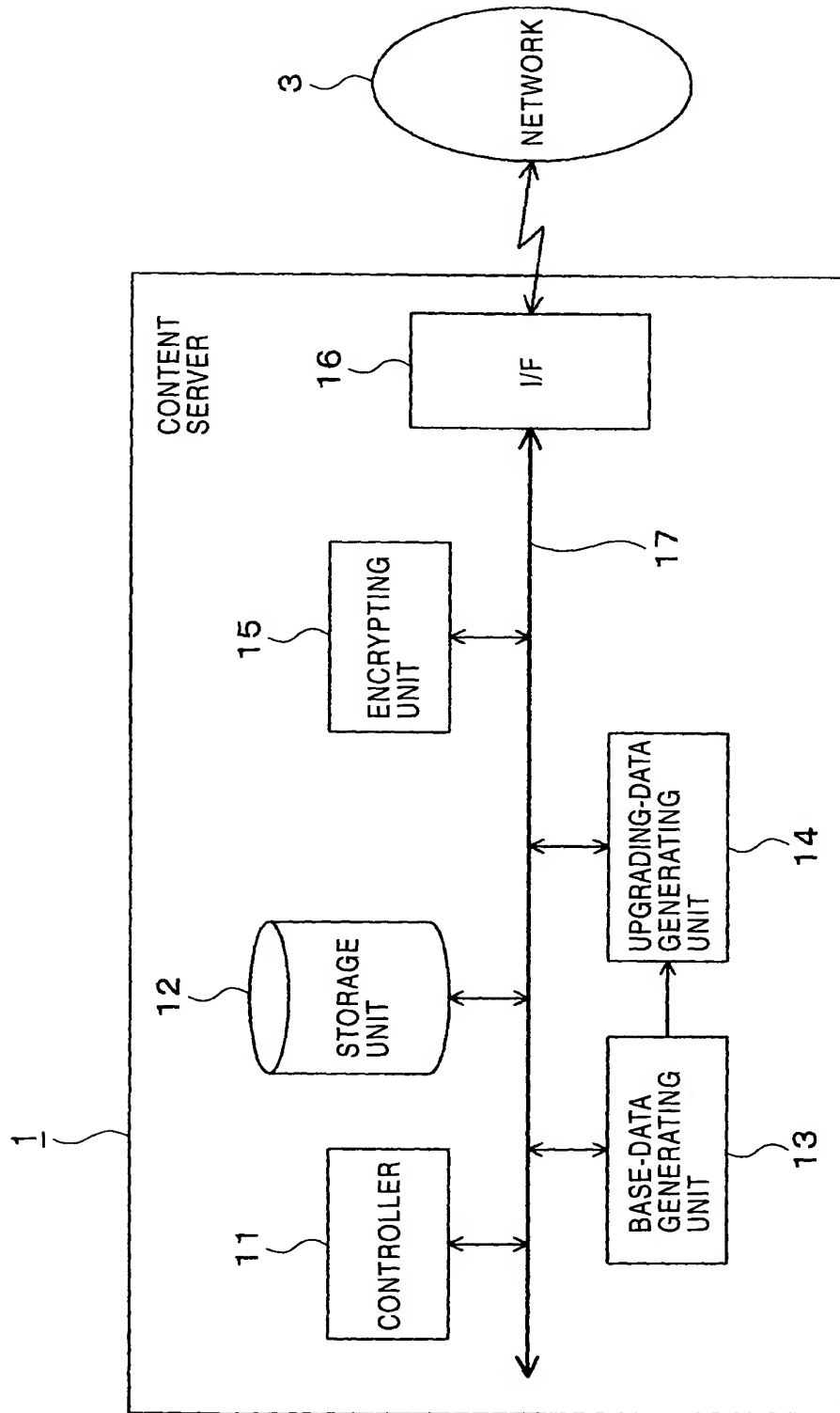


FIG. 3

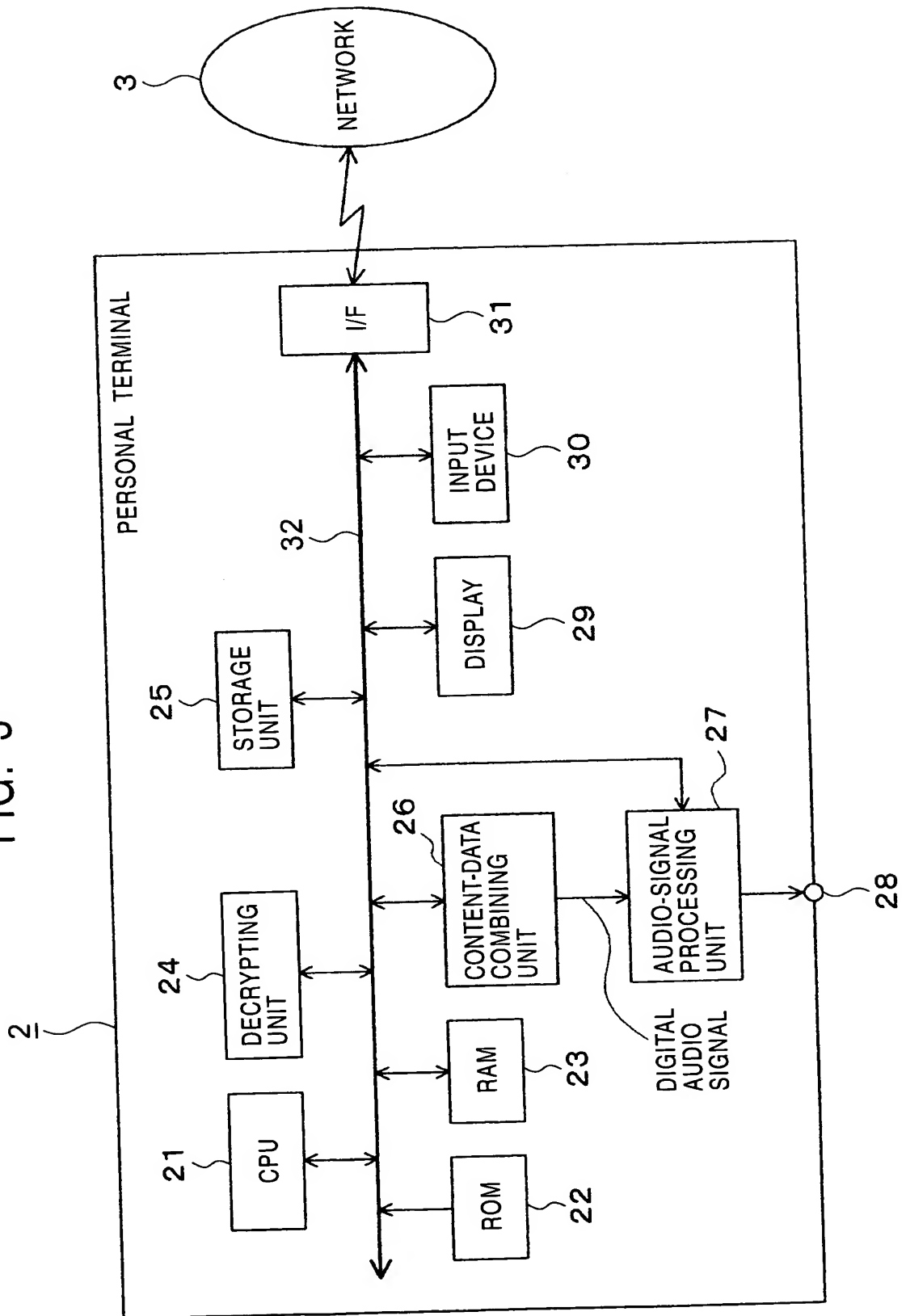


FIG. 4

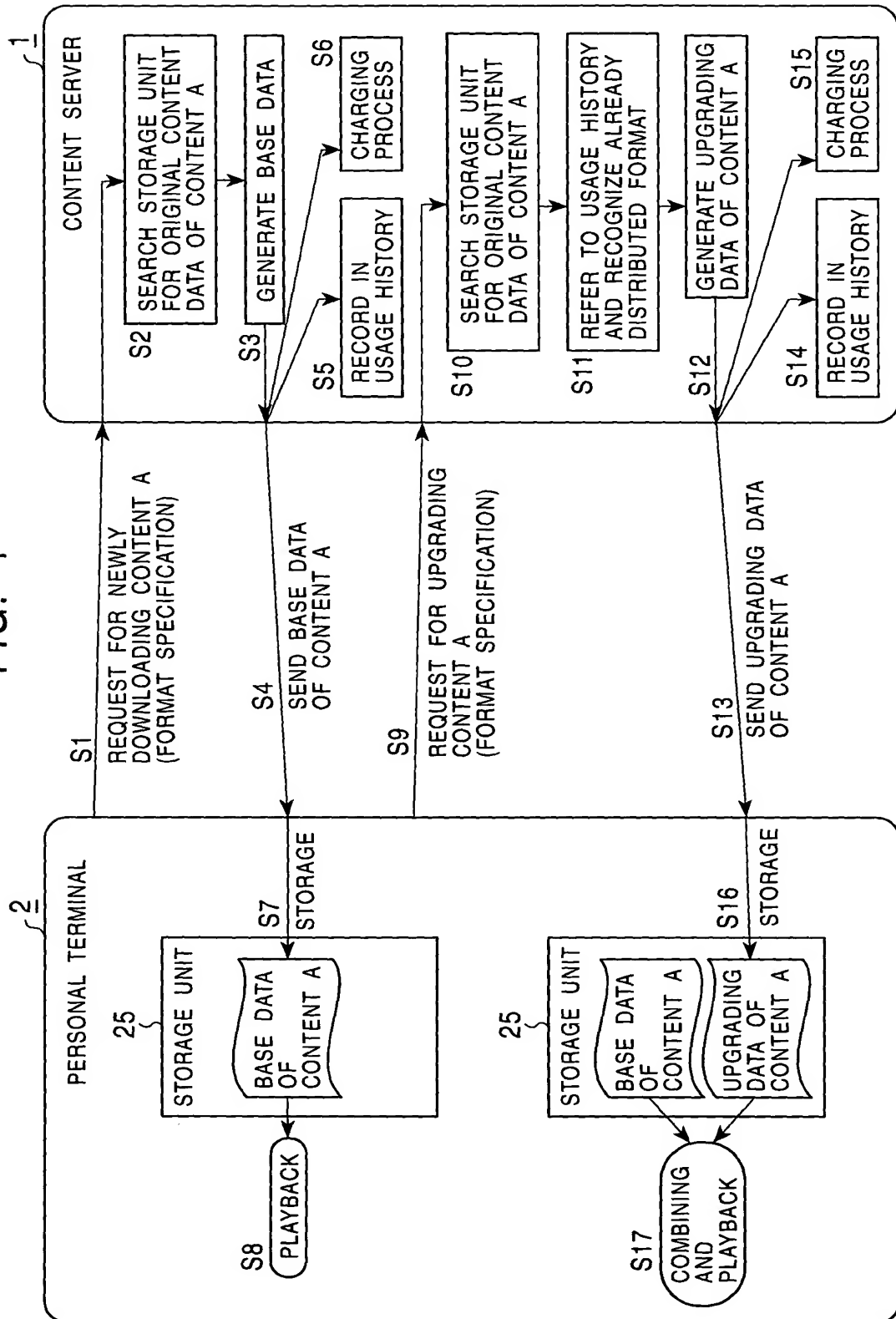


FIG. 5

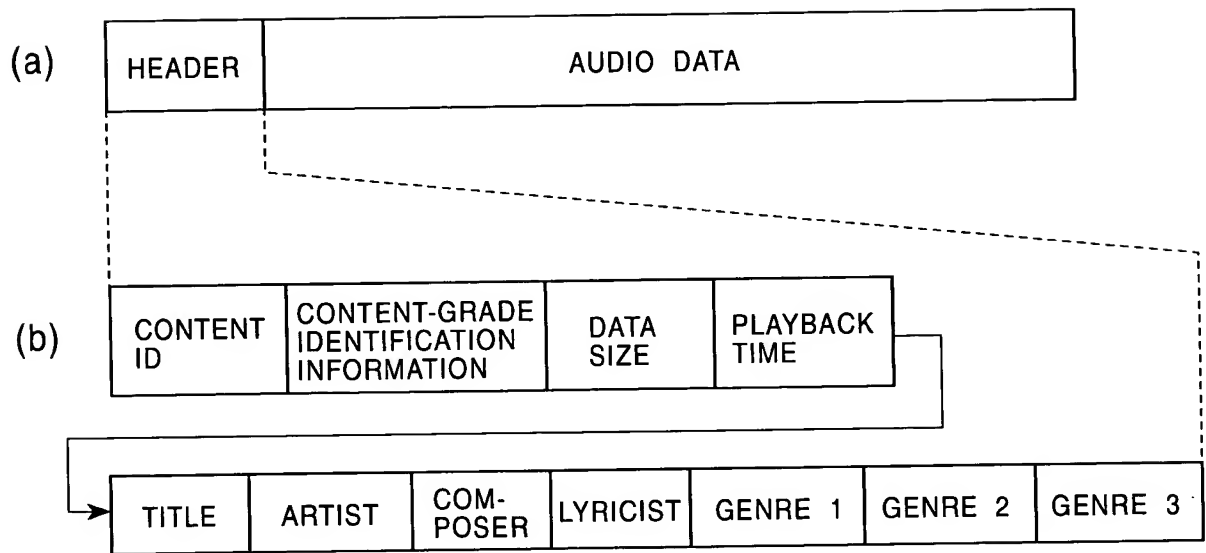


FIG. 6

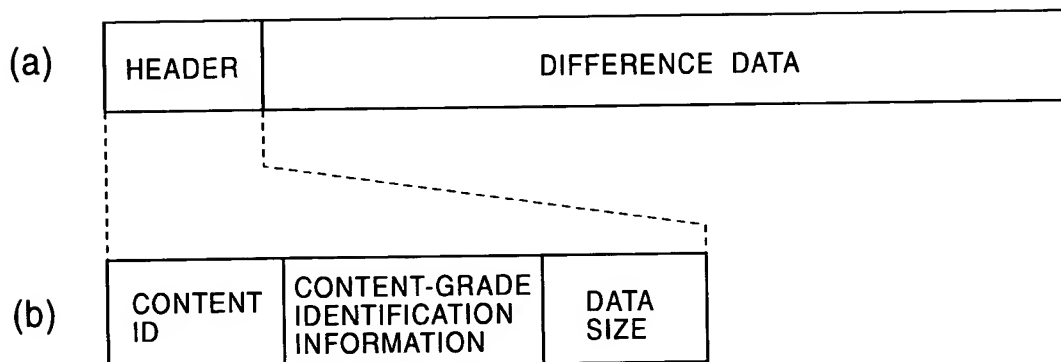


FIG. 7

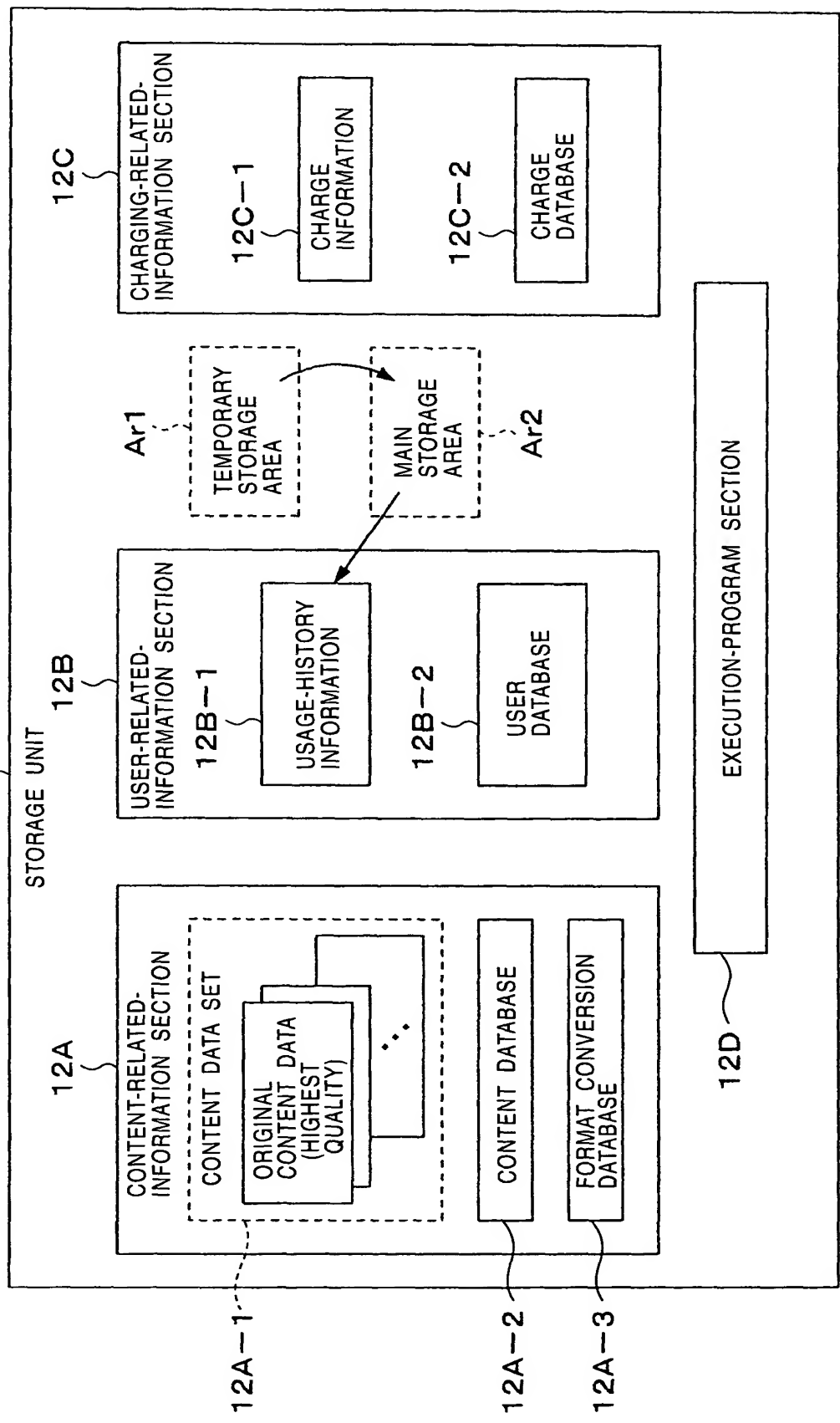


FIG. 8

[illegible]

FIG. 9

| FORMAT NUMBER | FORMAT           |
|---------------|------------------|
| 0             | 192 kHz/24 bits  |
| 1             | 96 kHz/24 bits   |
| 2             | 88.2 kHz/24 bits |
| 3             | 48 kHz/16 bits   |
| 4             | 44.1 kHz/20 bits |
| 5             | 44.1 kHz/16 bits |
| 6             | ATRAC            |
| 7             | 22.05 kHz/8 bits |
| :             | :                |

FIG. 10

| UPGRADING TYPE | BASE FORMAT      | UPGRADING FORMAT |
|----------------|------------------|------------------|
| 1-0            | 96 kHz/24 bits   | 192 kHz/24 bits  |
| 3-0            | 48 kHz/16 bits   | 192 kHz/24 bits  |
| 3-1            | 48 kHz/16 bits   | 96 kHz/24 bits   |
| 4-2            | 44.1 kHz/20 bits | 88.2 kHz/24 bits |
| 5-2            | 44.1 kHz/16 bits | 88.2kHz/24 bits  |
| 5-4            | 44.4 kHz/16 bits | 44.1 kHz/20 bits |
| 6-2            | ATRAC            | 88.2 kHz/24 bits |
| 6-4            | ATRAC            | 44.1 kHz/20 bits |
| 6-5            | ATRAC            | 44.1 kHz/16 bits |
| 7-2            | 22.05 kHz/8 bits | 88.2 kHz/24 bits |
| 7-4            | 22.05 kHz/8 bits | 44.1 kHz/20 bits |
| 7-5            | 22.05 kHz/8 bits | 44.1 kHz/16 bits |
| 7-6            | 22.05 kHz/8 bits | ATRAC            |
| :              | :                | :                |



FIG. 11

| CONTENT ID | FIRST DOWNLOADING<br>(BASE DATA) |                  | SECOND DOWNLOADING<br>(UPGRADING DATA) |                  |     |
|------------|----------------------------------|------------------|--|------------------|-----|
|            | BASE<br>FORMAT                   | DATE<br>AND TIME | UPGRADING<br>FORMAT                    | DATE<br>AND TIME |     |
|            |                                  |                  |  |                  | ... |
|            |                                  |                  |  |                  | ... |
|            |                                  |                  |  |                  | ... |
| ⋮          | ⋮                                | ⋮                | ⋮                                      | ⋮                | ⋮   |

FIG. 12

| USER ID | PASSWORD | HISTORY-<br>INFORMATION<br>POINTER | MOST USED<br>GENRE | MONTHLY<br>SERVICE<br>CHARGE |
|---------|----------|------------------------------------|--------------------|------------------------------|
|         |          |                                    |                    |                              |
|         |          |                                    |                    |                              |
|         |          |                                    |                    |                              |
| ⋮       | ⋮        | ⋮                                  | ⋮                  | ⋮                            |

FIG. 13

| CONTENT ID | SERVICE CHARGE<br>(192 kHz/24 bits) | SERVICE CHARGE<br>(96 kHz/24 bits) |     |
|------------|-------------------------------------|------------------------------------|-----|
|            |                                     |                                    | ... |
|            |                                     |                                    | ... |
|            |                                     |                                    | ... |
| ⋮          | ⋮                                   | ⋮                                  | ⋮   |

FIG. 14

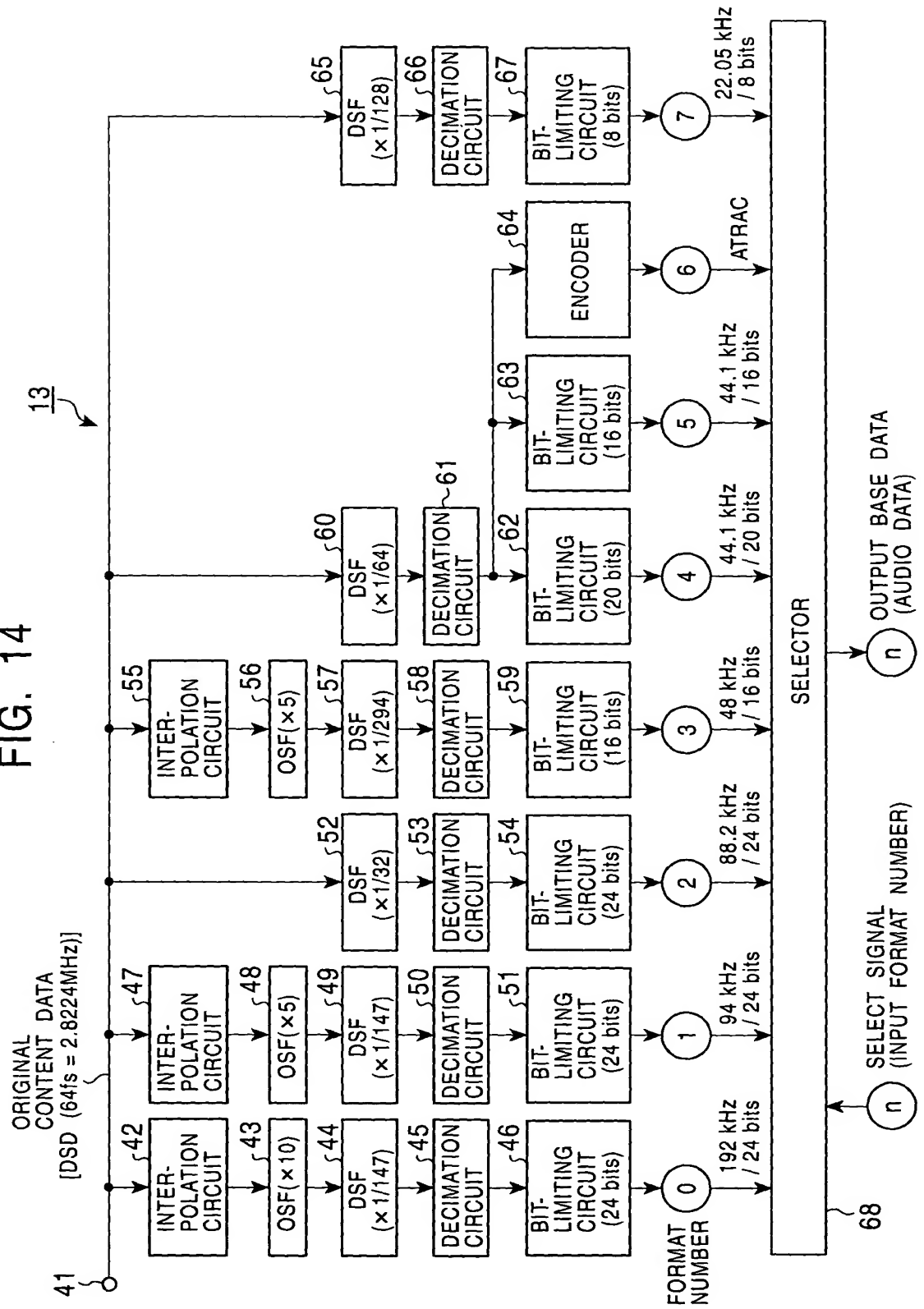


FIG. 15

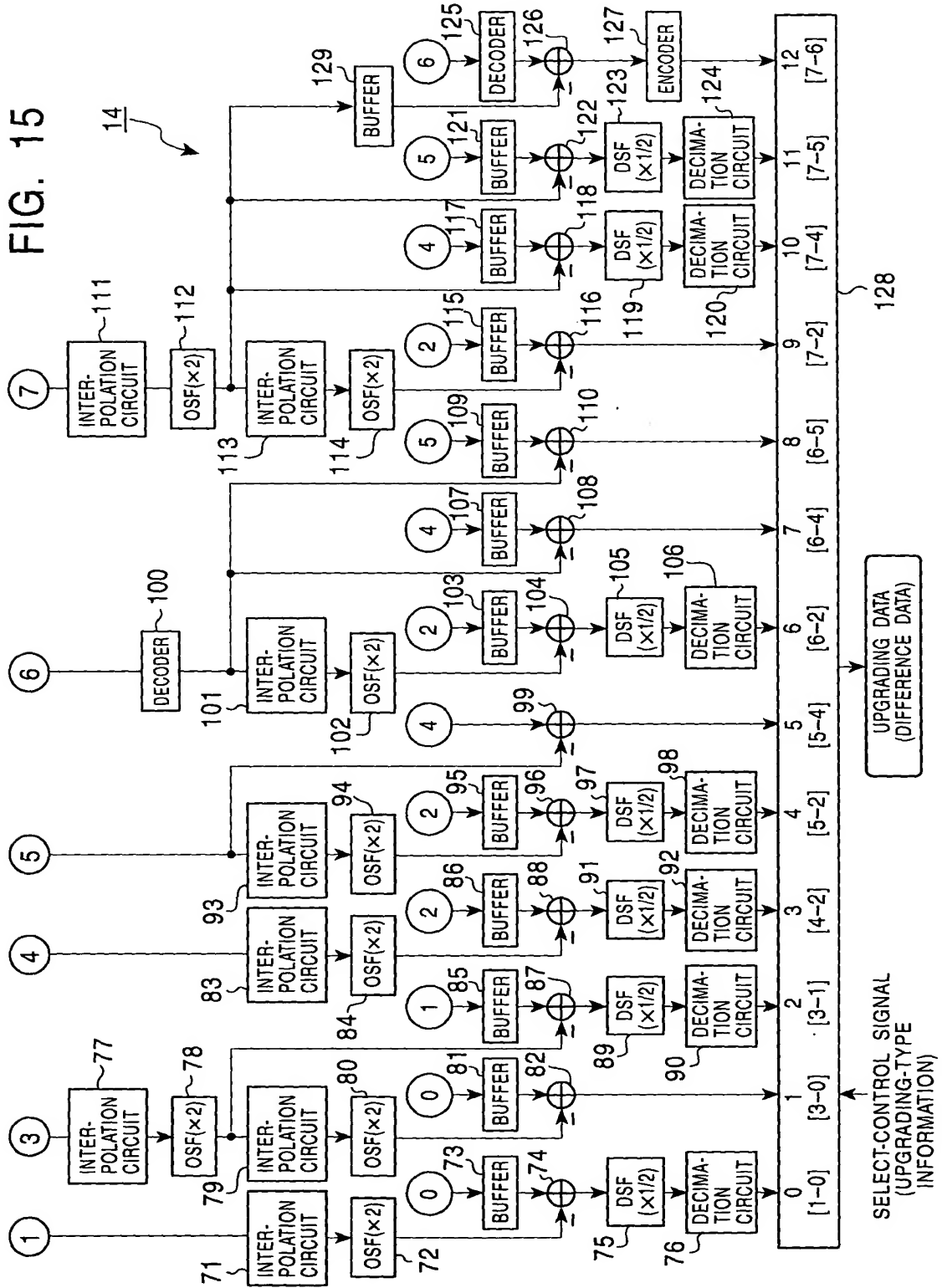


FIG. 16

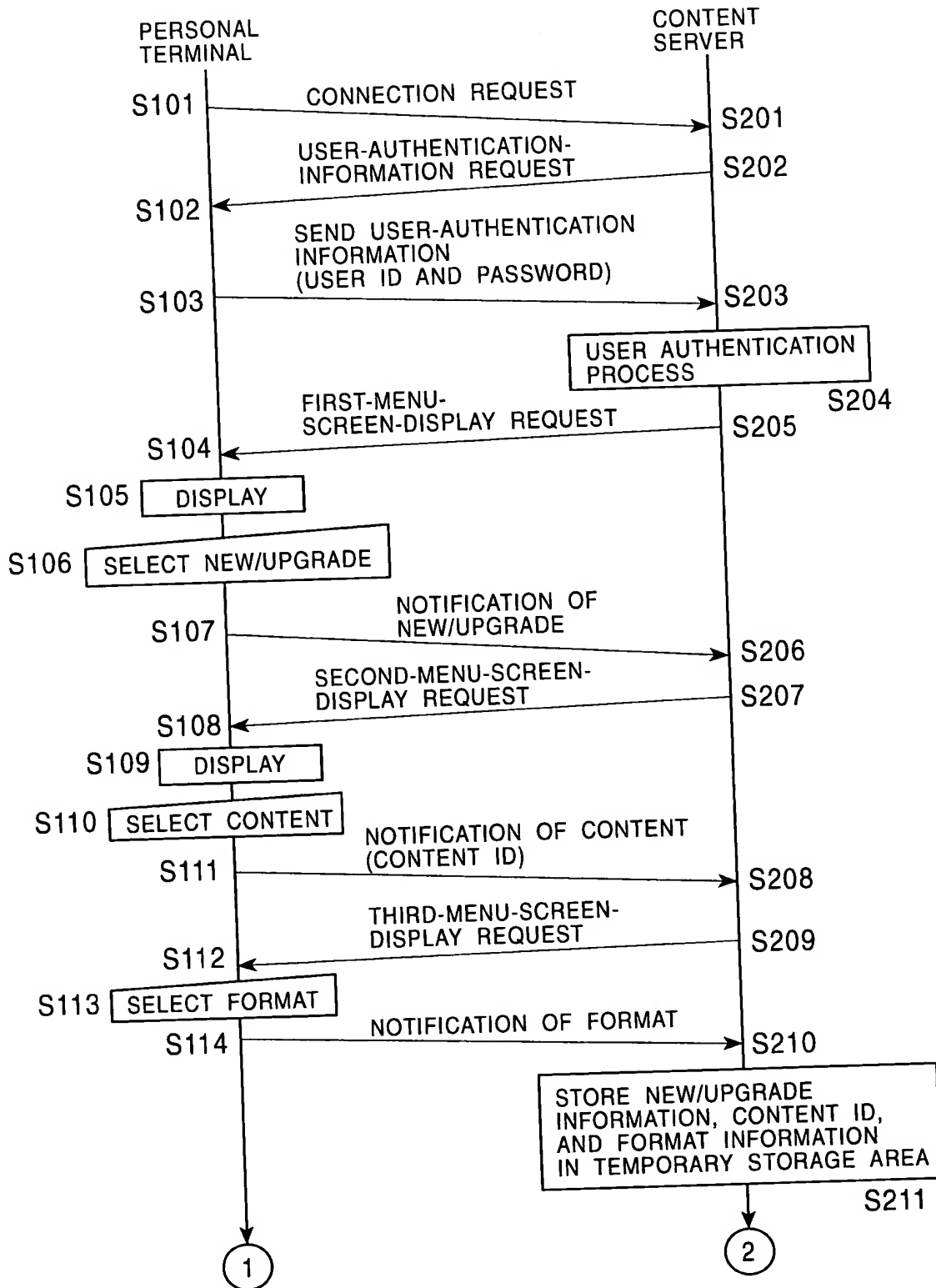


FIG. 17

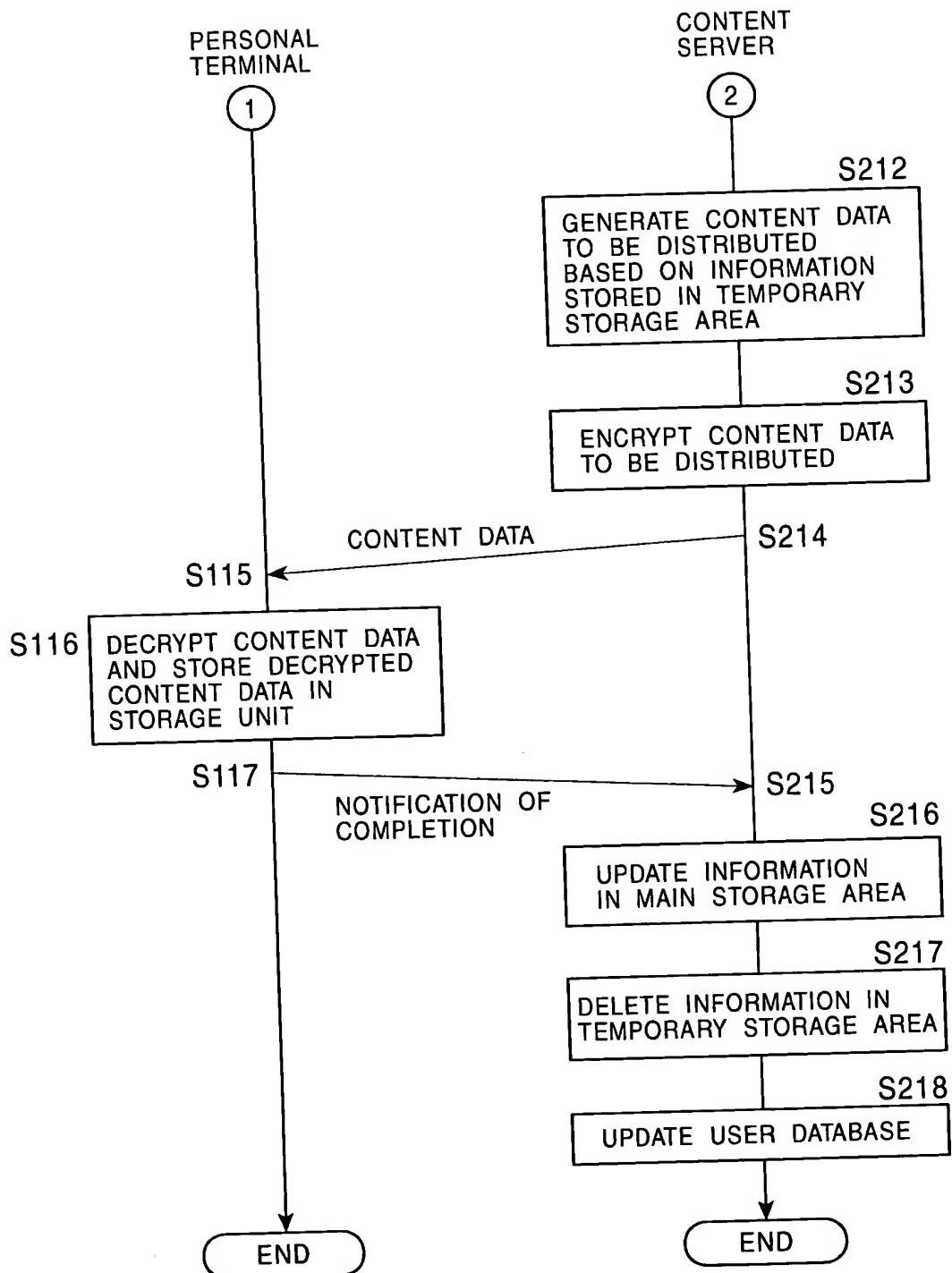


FIG. 18

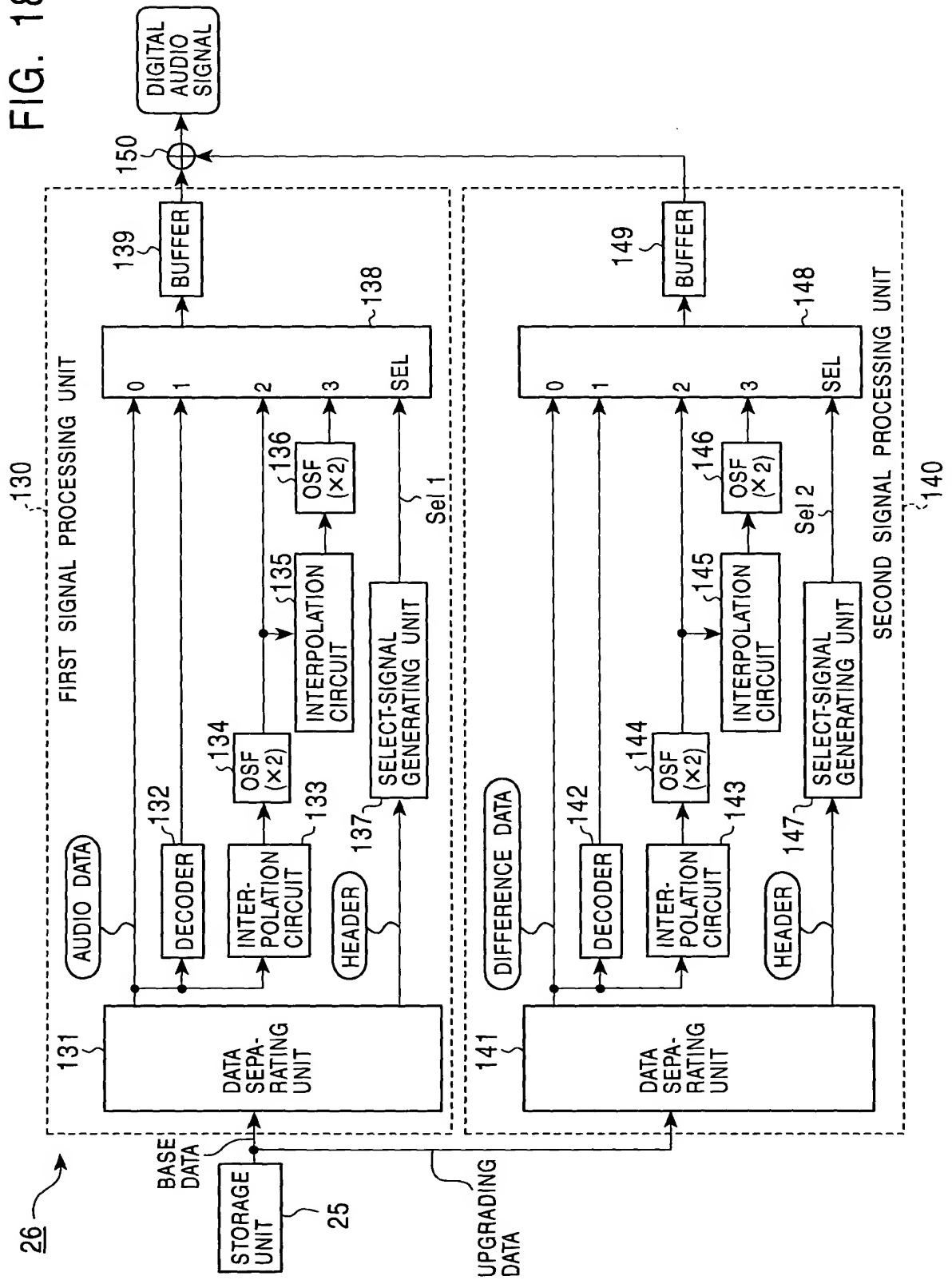


FIG. 19

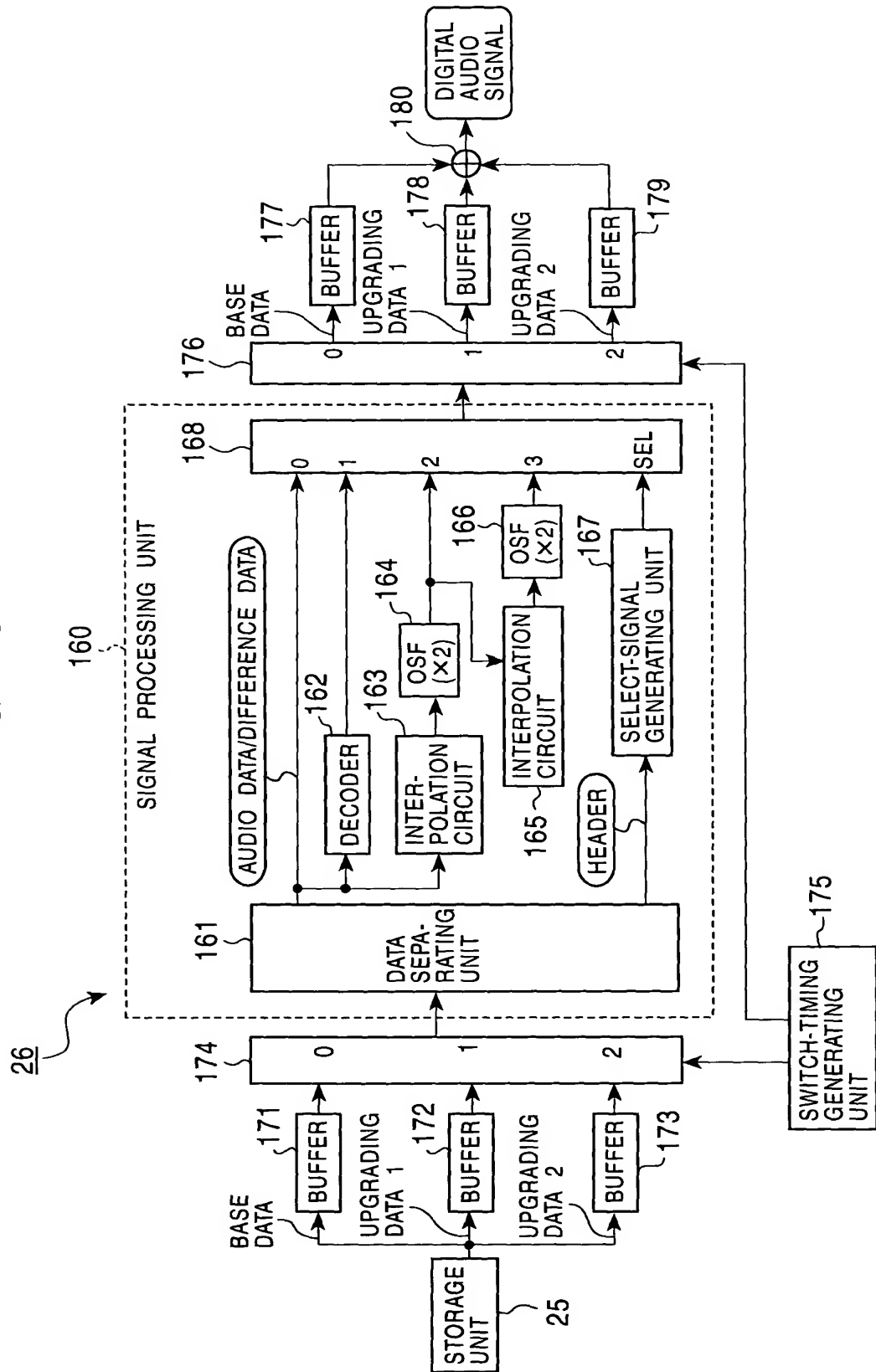


FIG. 20

| CONTENT<br>GRADE       |       | SELECT-SIGNAL OUTPUT |       |
|------------------------|-------|----------------------|-------|
|                        |       | Sel 1                | Sel 2 |
| FORMAT<br>NUMBER       | 0     | 0                    | —     |
|                        | 1     | 0                    | —     |
|                        | 2     | 0                    | —     |
|                        | 3     | 0                    | —     |
|                        | 4     | 0                    | —     |
|                        | 5     | 0                    | —     |
|                        | 6     | 1                    | —     |
|                        | 7     | 0                    | —     |
| UP-<br>GRADING<br>TYPE | 1 - 0 | 0                    | 2     |
|                        | 3 - 0 | 3                    | 0     |
|                        | 3 - 1 | 0                    | 2     |
|                        | 4 - 2 | 0                    | 2     |
|                        | 5 - 2 | 0                    | 2     |
|                        | 5 - 4 | 0                    | 0     |
|                        | 6 - 2 | 1                    | 2     |
|                        | 6 - 4 | 1                    | 0     |
|                        | 6 - 5 | 1                    | 0     |
|                        | 7 - 2 | 3                    | 0     |
|                        | 7 - 4 | 0                    | 2     |
|                        | 7 - 5 | 0                    | 2     |
|                        | 7 - 6 | 0                    | 1     |
|                        | :     | :                    | :     |